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Gives average number of semester-hours outside of the basic required education course sequence and the average number of semester-hours of required education courses taken by 1957 graduates of elementary education program. The 20 most popular areas outside of the required education courses are identified and ranked.

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IV-18
(Teacher Training)

THE UNIVERSITY OF WISCONSIN
Department of Education

April 16, 1958

Analysis of Courses Outside Professional Education Taken by the 61 June 1957 Graduates of the Elementary Education Program at the University of Wisconsin Who Commpleted All Their Work on the Madison Campus or at U.W. Extension Centers

Prepared by Julian C. Stanley, Assisted by Clarence J. Karier

Average number of semester hours completely outside the basic required education-course sequence (Education 1, 2, 7, 8, 11, 21, 31a, 31b, 41a, 41b, 73, 74, 75, and 169): 86.3, or 5.4 semesters averaging 16 s.h. each.

Since a minimum of 128 s.h. is required for the B.S. degree in elementary education, the average student took at least 41.7 s.h. (2.6 semesters) of required education courses. (One should remember, however, that Education 1-2-7-8, "Integrated Arts," is not, strictly speaking, pedagogy.)

The 20 most "popular" areas outside required education courses and the average number of semester hours completed by the 61 students in each were:

English	15.5	(12 s.h. of which is required of most students)
History	7.2	(including at least 3 s.h. of required work in American history)
Geography	6.0	(including a 3 s.h. conservation course, usually required)
Sociology	5.0	
Mathematics	4.9	(3.8 of which was the required Mathematics 9 course, open only to elementary education majors)
Physical Education	4.5	(including dance courses sometimes taken in lieu of the dance portion of Education 1-2-7-8)
Music	4.5	(including courses sometimes taken in lieu of the music portion of Education 1-2-7-8)
Botany	4.2	
Integrated Liberal Studies	4.1	
Psychology	3.2	
Education	3.2	(including special courses taken by kindergarten majors)
Zoology	2.7	
Spanish	2.6	
Political Science	2.3	(Political science may be used to meet half of the 6 s.h. American history requirement.)
French	2.0	
Geology	1.8	
Speech	1.7	(including courses sometimes taken in lieu of the speech and drama portion of Education 1-2-7-8)
Art Education	1.7	(including courses sometimes taken in lieu of the art portion of Education 1-2-7-8)
Economics	1.5	
Philosophy	1.4	

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The average student took 18.1 s.h. of science and mathematics, including the required 4-s.h. Mathematics 9 course. The rank order of "popularity" of science courses from most to least, was mathematics, botany, zoology, geography, geology, astronomy, chemistry, physics, and history of science. The average numbers of s.h. of the last three were, respectively: 0.67, 0.39, and 0.30.

The (year) courses in biology, chemistry, and physics taken by these 61 students while in high school were:

Not Biology				Biology			
Not Chemistry		Chemistry		Not Chemistry		Chemistry	
Not Physics	Physics	Not Physics	Physics	Not Physics	Physics	Not Physics	Physics
6	0	2	1	5	3	30	14

Thus, 14 of the 61 (23%) took all three courses while in high school. Ten per cent took none. Eighty-five per cent took biology, 77% chemistry, and 29½% physics.